

## Message Text

PAGE 01 NATO 01848 01 OF 03 041428Z

51

ACTION EUR-25

INFO OCT-01 EA-11 ISO-00 OIC-04 FEA-02 SAM-01 AEC-11 AID-20

SS-20 NSC-07 HEW-08 DOTE-00 INT-08 HUD-02 CEQ-02

EPA-04 EB-11 COME-00 IO-14 CIAE-00 PM-07 INR-10 L-03

NEA-10 NSAE-00 PA-04 RSC-01 PRS-01 SP-03 USIA-15

TRSE-00 SAJ-01 OMB-01 CIEP-02 CEA-02 STR-08 FPC-01

AGR-20 NSF-04 DRC-01 /245 W  
----- 083403

R 041245Z APR 74

FM USMISSION NATO

TO SECSTATE WASHDC 5009

INFO ALL NATO CAPITALS 3850

AMEMBASSY STOCKHOLM

AMEMBASSY TOKYO

USMISSION EC BRUSSELS

USMISSION OECD PARIS

UNCLAS SECTION 1 OF 3 USNATO 1848

E.O. 11652: N/A

TAGS: SENV, NATO

SUBJ: CCMS: MEETING OF EXPERTS ON ENERGY CONSERVATION IN  
INDUSTRY, NATO HEADQUARTERS, APRIL 1-2, 1974

REF: OECD PARIS 7866

SUMMARY: APRIL 1-2 MEETING AT NATO ATTENDED BY 26  
REPRESENTATIVES FROM 12 COUNTRIES, PLUS  
OBSERVER FROM EEC. AGREEMENT REACHED (A) THAT THERE  
WAS NEED FOR INTERNATIONAL COOPERATION WITH RESPECT  
TO ENERGY CONSERVATION IN INDUSTRY AND (B) THAT AN  
INDUSTRY PROJECT SHOULD BE APPROVED AS PART OF THE  
OVERALL CCMS ENERGY CONSERVATION PILOT STUDY PROPOSAL  
WITH THE FOLLOWING SUBPROJECT AREAS:  
UNCLASSIFIED

PAGE 02 NATO 01848 01 OF 03 041428Z

1-DATA COLLECTION, ANALYSIS AND POSSIBLE DEMONSTRATIONS  
CONCERNING ENERGY CONSERVATION IN INDUSTRIAL PROCESSES;  
2-UTILITY LOAD MANAGEMENT; AND  
3-ENERGY CONSERVATION INCENTIVES AND BARRIERS

AND METHODS FOR INSURING TECHNOLOGY TRANSFER. MISSION CIRCULATING COMBINED U.S. PILOT STUDY PROPOSAL TO ALL ALLIED DELEGATIONS, CONSISTING OF COVERING U.S. STATEMENT WITH RESPECT TO OVERALL U.S. PROPOSAL, ACCOMPANIED BY PROPOSAL FOR PROJECT ON ENERGY CONSERVATION IN BUILDINGS (REFTEL), AND PROPOSAL FOR PROJECT ON ENERGY CONSERVATION IN INDUSTRY AS IT EMERGED FROM SUBJECT MEETING. TEXT OF U.S. COVERING STATEMENT AND INDUSTRY PROJECT PROPOSAL SET FORTH BELOW. END SUMMARY.

1. U.S. COVERING STATEMENT: BEGIN TEXT.

CHAIRMAN'S REPORT ON U.S. PROPOSAL FOR PILOT STUDY ON ENERGY CONSERVATION AND MEETINGS OF EXPERTS ON ENERGY CONSERVATION IN BUILDINGS AND INDUSTRY

1. AT THE APRIL 10-11, 1973, CCMS PLENARY, THE UNITED STATES PROPOSED THAT CCMS UNDERTAKE PILOT STUDIES IN THE FIELDS OF SOLAR AND GEOTHERMAL ENERGY AND ENERGY CONSERVATION. FOLLOWING ON FROM THAT PROPOSAL, A U.S. TEAM VISITED CERTAIN EUROPEAN COUNTRIES WITH A VIEW TO SOLICITING INTEREST IN COOPERATING IN THESE THREE AREAS."

2. PILOT STUDIES ON SOLAR AND GEOTHERMAL ENERGY WERE AGREED UPON AT THE OCTOBER 23-24, 1973, CCMS PLENARY. AT THAT SAME PLENARY, THE UNITED STATES INDICATED THAT IT WOULD BE PROPOSING TO CCMS AT ITS MAY 1974 PLENARY A NEW PILOT STUDY IN ENERGY CONSERVATION.

3. IN THE DEVELOPMENT OF THIS ENERGY CONSERVATION PROPOSAL, ORGANIZATION MEETINGS OF EXPERTS WERE HELD ON ENERGY CONSERVATION IN BUILDINGS (ROTTERDAM, MARCH 26-27, 1974) AND IN INDUSTRY (NATO HEADQUARTERS, APRIL 1-2, 1974). THESE MEETINGS RESULTED IN EXPERT AGREEMENT  
UNCLASSIFIED

PAGE 03 NATO 01848 01 OF 03 041428Z

THAT SPECIFIC PROJECT PROPOSALS IN THESE AREAS SHOULD BE RECOMMENDED TO CCMS FOR ADOPTION AS PART OF THE PROPOSED PILOT STUDY ON ENERGY CONSERVATION.

THE UNITED STATES ACCORDINGLY PROPOSES TO CCMS THAT A PILOT STUDY ON ENERGY CONSERVATION BE INITIATED.

4. IN ADDITION TO THE ATTACHED PROJECT PROPOSALS ON ENERGY CONSERVATION IN BUILDINGS AND IN INDUSTRY, INTERNATIONAL COOPERATION NEEDS TO BE FURTHER DEVELOPED WITH RESPECT TO ENERGY CONSERVATION IN TRANSPORTATION. IT SHOULD BE NOTED THAT CCMS ALREADY HAS UNDER ITS AEGIS TWO PROJECTS INVOLVING THE AUTOMOBILE (EXPERIMENTAL SAFETY VEHICLES AND LOW POLLUTION POWER SYSTEMS DEVELOPMENT).

AN EXPERT MEETING IN ANN ARBOR OCT 15-19, 1973, ON THE LATTER SUBJECT RECOMMENDED THAT THESE PROGRAMS INVOLVING THE WORLD'S MAJOR AUTO INDUSTRIES SHOULD BE LINKED IN THE FUTURE AND THE ONGOING WORK DIRECTED IN SUCH A WAY THAT EFFICIENT ENERGY UTILIZATION WOULD BE A KEY PARAMETER OF FUTURE WORK. THE UNITED STATES PROPOSES TO DISCUSS THIS ASPECT OF THE WORK AS A PART OF THE EXPERIMENTAL SAFETY VEHICLE CONFERENCE TO BE HELD IN LONDON JUNE 4-7, 1974. IN ADDITION, THE CCMS URBAN TRANSPORTATION PILOT STUDY INVOLVES A NUMBER OF PROJECTS WHICH WILL HAVE THE INDIRECT EFFECT OF REDUCING ENERGY CONSUMPTION IN THE TRANSPORTATION SECTOR. OTHER IMPORTANT ASPECTS OF ENERGY CONSERVATION QUESTIONS IN THE TRANSPORTATION SECTOR OF COURSE STILL REMAIN TO BE ADDRESSED.

5. THE UNITED STATES RECOGNIZES THAT ITS PROPOSAL FOR A PILOT STUDY IN ENERGY CONSERVATION WAS MADE PRIOR TO THE WASHINGTON ENERGY CONFERENCE. WHILE THE UNITED STATES WOULD EXPECT AS A CONSEQUENCE OF THAT CONFERENCE THAT INTERNATIONAL COOPERATION WITH RESPECT TO ENERGY CONSERVATION POLICY WOULD TAKE PLACE AS PART OF THE ONGOING WORK OF THE ENERGY COORDINATING GROUP AND IN THE OECD, THIS COOPERATION AT THE POLICY LEVEL SHOULD PROVIDE IMPETUS AND OVERALL DIRECTION TO SPECIFIC TECHNOLOGICAL ACTIVITIES SUCH AS THOSE PROPOSED TO BE UNDERTAKEN IN CCMS. AT THE SAME TIME THE UNITED STATES

UNCLASSIFIED

PAGE 04 NATO 01848 01 OF 03 041428Z

BELIEVES THAT THE TECHNICAL COOPERATION PROPOSED IN CCMS SHOULD PROVIDE CONCRETE AND TIMELY SUPPORT IN PARTICULAR, WELL-DEFINED AREAS TO THE POLICY LEVEL COOPERATION NOW ENVISAGED.

6. IN THE DEVELOPMENT AND IMPLEMENTATION OF THE PROPOSED CCMS WORK PROGRAM, COMPLEMENTARY ACTIVITIES OF OTHER BODIES HAVE BEEN AND WILL CONTINUE TO BE TAKEN FULLY INTO ACCOUNT SO AS TO ASSURE NO UNDESIRABLE DUPLICATION AND TO PROVIDE FOR A COORDINATED AND EFFECTIVE OVERALL APPROACH INTERNATIONALLY TO THE VARIOUS ASPECTS OF ENERGY CONSERVATION PROGRAMS. IN THE VIEW OF THE UNITED STATES, AS PROSPECTIVE PILOT COUNTRY, THE PROPOSED CCMS PROGRAM DOES NOT NOW, NOR WILL IT IN THE FUTURE, CONFLICT WITH ANY OTHER INTERNATIONAL ENERGY CONSERVATION ACTIVITY; ON THE CONTRARY IT WILL BE SUPPORTIVE OF SUCH ACTIVITIES. TO THAT END CLOSE RAPPORT BETWEEN THE PROPOSED CCMS PROGRAM AND THOSE OF OTHER ORGANIZATIONS IN THE ENERGY FIELD SHOULD BE FACILITATED BY EVERY APPROPRIATE MEANS INCLUDING ARRANGEMENTS FOR THEIR PARTICIPATION AS OBSERVERS IN ACTIVITIES OF THE PROPOSED CCMS PILOT STUDY. END TEXT.

UNCLASSIFIED

UNCLASSIFIED POSS DUPE

PAGE 01 NATO 01848 02 OF 03 041452Z

51

ACTION EUR-25

INFO OCT-01 EA-11 ISO-00 OIC-04 FEA-02 SAM-01 AEC-11 AID-20

SS-20 NSC-07 HEW-08 DOTE-00 INT-08 HUD-02 CEQ-02

EPA-04 EB-11 COME-00 IO-14 CIAE-00 PM-07 INR-10 L-03

NEA-10 NSAE-00 PA-04 RSC-01 PRS-01 SP-03 USIA-15

TRSE-00 SAJ-01 OMB-01 CIEP-02 CEA-02 STR-08 FPC-01

AGR-20 NSF-04 DRC-01 /245 W  
----- 083692

R 041245Z APR 74

FM USMISSION NATO

TO SECSTATE WASHDC 5010

INFO ALL NATO CAPITALS 3851

AMEMBASSY STOCKHOLM

AMEMBASSY TOKYO

USMISSION EC BRUSSELS

USMISSION OECD PARIS

UNCLAS SECTION 2 OF 3 USNATO 1848

2. INDUSTRY PROJECT PROPOSAL. BEGIN TEXT.

CHAIRMAN'S REPORT

ON MEETING OF EXPERTS ON ENERGY CONSERVATION

IN INDUSTRY, NATO, BRUSSELS

APRIL 1-2, 1974

1. ON APRIL 1-2, 1974, 26 EXPERTS AND OTHER DELEGATES  
AND OBSERVERS FROM TWELVE COUNTRIES (BELGIUM, CANADA, DENMARK,  
THE NETHERLANDS, PORTUGAL, TURKEY, THE UNITED KINGDOM AND  
THE UNITED STATES) MET AT NATO HEADQUARTERS IN BRUSSELS  
TO DISCUSS A PROPOSAL OF THE UNITED STATES FOR A CCMS PROJECT  
ON ENERGY CONSERVATION IN INDUSTRY, AS PART OF A BROADER  
UNITED STATES PROPOSAL FOR A CCMS PILOT STUDY IN THE FIELD  
OF ENERGY CONSERVATION. THE COMMISSION OF THE EUROPEAN  
UNCLASSIFIED

PAGE 02 NATO 01848 02 OF 03 041452Z

COMMUNITIES WAS REPRESENTED BY AN OBSERVER. ALL OF THE  
TOPICS ON THE DETAILED AGENDA PREPARED BY THE UNITED STATES,  
WHICH HAD BEEN CIRCULATED PRIOR TO THE MEETING, WERE DIS-  
CUSSED BY THE REPRESENTATIVES PRESENT. IN THE OPINION OF

THE GROUP GENERALLY, THE FOLLOWING PROJECT PROPOSAL SHOULD BE RECOMMENDED TO CCMS FOR ADOPTION AS A PART OF THE PROPOSED NEW PILOT STUDY.

CCMS ENERGY CONSERVATION IN INDUSTRY PROJECT PROPOSAL.

2. IN ALL COUNTRIES REPRESENTED AT THE MEETING, ENERGY CONSUMPTION IN INDUSTRY IS A MAJOR ENERGY CONSUMING SECTOR AND ACCOUNTS FOR APPROXIMATELY ONE-THIRD OF ALL ENERGY CONSUMED. IN MOST OF THESE COUNTRIES, A FEW KEY INDUSTRIES ACCOUNT FOR THE MAJORITY OF THIS ENERGY USAGE. ALTHOUGH IN CERTAIN COUNTRIES TRADITIONALLY HIGH ENERGY PRICES HAVE RESULTED IN GREATER ATTENTION BEING PAID TO ENERGY CONSERVATIVE INDUSTRIAL PRACTICES, NO COUNTRY POSSESSES COMPLETE KNOWLEDGE OF THE MOST DESIRABLE TECHNOLOGY AND PRACTICES IN ALL INDUSTRIAL SECTORS. IT WAS THEREFORE CONCLUDED THAT THERE WAS A NEED FOR A GREATER DEGREE OF INTERNATIONAL COOPERATION WITH RESPECT TO ENERGY END-USE CONSERVATION IN PARTICULAR INDUSTRIES AND THAT CCMS SHOULD BE ASKED TO APPROVE A PROJECT IN THIS AREA CONSISTING OF SEVERAL SPECIFIC SUBPROJECTS AT ITS 7-8 MAY, 1974 PLENARY. IT WAS AGREED BY THE DELEGATES THAT THEY WOULD BRING THEIR CONCLUSIONS CONTAINED IN THIS REPORT TO THE ATTENTION OF THEIR RESPECTIVE NATIONAL GOVERNMENTS.

3. THREE SPECIFIC SUBPROJECT PROPOSALS WERE PUT FORWARD AT THE MEETING BY THE UNITED STATES FOR DISCUSSION, AND NUMBER OF ADDITIONAL SUGGESTIONS AND RECOMMENDATIONS WERE CONSIDERED. IT WAS GENERALLY AGREED THAT ALL OF THESE PROPOSED PROJECTS, AS MODIFIED IN THE COURSE OF THE MEETING HAVE MERIT.

4. IT WAS ALSO AGREED THAT EACH INTERESTED COUNTRY WOULD BE INVITED TO DESIGNATE BY THE END OF MAY 1974 A PILOT STUDY COORDINATOR AND WOULD INFORM THE UNITED STATES, AS PROSPECTIVE PILOT COUNTRY, OF THE NAME OF THE INDIVIDUAL OR GOVERNMENT AGENCY SO DESIGNATED. THE GROUP RECOGNIZED UNCLASSIFIED

PAGE 03 NATO 01848 02 OF 03 041452Z

THAT DIFFERENT COORDINATORS MIGHT BE REQUIRED TO INITIATE SPECIFIC SUBPROJECTS. THE GROUP RECOMMENDED THAT IN ADDITION THE INDUSTRIAL SECTOR SHOULD BE EXTENSIVELY INVOLVED IN ALL WORKING ASPECTS OF THE PILOT STUDY, AND THAT EACH COUNTRY WOULD DETERMINE APPROPRIATE MODALITIES FOR INCLUDING INDUSTRIAL SECTOR REPRESENTATIVES ON SUBPROJECT GROUPS ESTABLISHED UNDER THE PILOT STUDY.

5. THE GROUP NOTED THE GENERAL RECOMMENDATION OF THE WORKING GROUP ON INDUSTRIAL SYSTEMS FORMED AS A RESULT OF THE NATO SCIENCE COMMITTEE CONFERENCE ON TECHNOLOGY OF EFFICIENT ENERGY UTILIZATION HELD AT LES ARCS, FRANCE, 8-12 OCTOBER, 1973. THAT WORKING GROUP HAD RECOMMENDED

THAT COMPARATIVE STUDIES OF INDUSTRIAL ENERGY USE IN SIMILAR COUNTRIES SHOULD BE ENCOURAGED SO AS TO PERMIT THE IDENTIFICATION OF ENERGY EFFICIENT PRACTICES AND A TRANSFER OF KNOWLEDGE AMONG THOSE COUNTRIES AND TO OTHER COUNTRIES. THE DELEGATES AGREED THAT THIS RECOMMENDATION PROVIDES A POINT OF DEPARTURE FOR SPECIFIC TECHNICAL PROJECTS WHICH WOULD BE UNDERTAKEN WITHIN THE PROPOSED CCMS PROJECT ON ENERGY CONSERVATION IN INDUSTRY.

A. PROJECT AREA 1-DATA COLLECTION, ANALYSIS AND POSSIBLE DEMONSTRATIONS CONCERNING ENERGY CONSERVATION IN INDUSTRIAL PROCESSES.

6. FOLLOWING EXTENSIVE DISCUSSION, THE EXPERTS REPRESENTED AT THE MEETING AGREED THAT INCREASED EXCHANGE OF INFORMATION IN THIS AREA SHOULD BE ENCOURAGED. IT WAS AGREED THAT A GOVERNMENT/INDUSTRY SUBPROJECT GROUP OF INTERESTED COUNTRIES SHOULD BE ESTABLISHED IN WHICH THE UNITED STATES WOULD PROVIDE TO PARTICIPATING MEMBERS A SUGGESTED METHODOLOGY FOR COLLECTING AND REVIEWING DATA AND INFORMATION. IT WOULD BE UP TO EACH COUNTRY INTERESTED IN THIS PROJECT TO NAME GOVERNMENT AND INDUSTRY REPRESENTATIVES FOR THIS PURPOSE. THE UNITED STATES AGREED TO CIRCULATE EXCERPTS FROM ITS OWN DATA USING THIS METHODOLOGY FOR NINE BASIC INDUSTRIES:

ALUMINUM  
CEMENT  
UNCLASSIFIED

PAGE 04 NATO 01848 02 OF 03 041452Z

COPPER  
GLASS  
PAPER  
PETROLEUM REFINING  
PETROCHEMICALS (I.E., PLASTICS)  
RUBBER  
STEEL

ONE EXPERT PRESENT SPECIFICALLY NOTED THE IMPORTANCE OF FOOD PROCESSING AS AN ENERGY CONSUMING SECTOR. IT IS ANTICIPATED THAT PRELIMINARY INFORMATION WOULD BE PROVIDED BY OTHER NATIONS AND SUBSEQUENTLY DISTRIBUTED.

7. THE UNITED STATES FURTHER AGREED TO ORGANIZE AN EXPERT TEAM FAMILIAR WITH THE ABOVE INDUSTRIES TO EXPLAIN THE U.S. SYSTEMS APPROACH TO DATA ACCUMULATIONS AND EVALUATION AND TO RESOLVE POSSIBLE INCONSISTENCIES BETWEEN NORTH AMERICAN, EUROPEAN AND OTHER INTERESTED COUNTRIES' DATA. THIS EFFORT WOULD RESULT IN PREPARATION OF A REPORT BY THE SUBPROJECT GROUP TO BE COMPLETED WITHIN SIX MONTHS TO ONE YEAR, CONSISTING OF A COMPILATION OF ENERGY CONSUMPTION DATA AND INFORMATION IN THE ABOVE NINE

BASIC INDUSTRIES WHICH WOULD BE COLLECTED IN EACH STEP OF THE MANUFACTURING PROCESS FROM RAW MATERIALS EXTRACTION TO MANUFACTURE OF THE END PRODUCT. THE DATA WOULD BE PRESENTED BY COUNTRY, TYPE OF FUEL USED AND TOTAL ENERGY CONSUMED IN FORMATS WHICH WOULD TAKE INTO CONSIDERATION DIFFERENT USERS' NEEDS.

8. FOLLOWING ON FROM SUCH A COMPILATION AND BASED ON AN ANALYSIS OF THE DATA AND POSSIBLE ADDITIONAL WORK, IT WAS AGREED THAT THE SUBJPROJECT GROUP WOULD MAKE RECOMMENDATIONS FOR POTENTIAL FOLLOW-UP PHASES, PARTICULARLY WITH RESPECT TO TECHNOLOGIES AND OPERATING PRACTICES THAT COULD BE IMPLEMENTED IN THE MEDIUM AND SHORT TERM (E.G., IN THE NEXT TEN YEARS):

-FURTHER DATA NEEDS

-MORE DETAILED SECTORAL AND CROSS SECTORAL ANALYSES, INCLUDING ENVIRONMENTAL IMPACTS  
UNCLASSIFIED

PAGE 05 NATO 01848 02 OF 03 041452Z

RESULTING FROM EMPLOYING SUCH TECHNOLOGY

-COOPERATIVE TECHNICAL EVALUATIONS WITH RECOMMENDATIONS FOR RESEARCH AND DEVELOPMENT AND POSSIBLE DEMONSTRATIONS WHICH COULD INCLUDE:

-INDUSTRIAL PROCESSES

-ENVIRONMENTAL CONTROL TECHNOLOGY

-FUEL SUBSTITUTION SCHEMES

-USE OF THE HEAT PUMP IN INDUSTRIAL APPLICATIONS

-USE OF SECONDARY MATERIALS IN PRODUCTION PROCESSES

-RECOVERY OF WASTE HEAT

-TECHNOLOGY TRANSFER (SEE PROJECT AREA 3 BELOW)

9. IT WAS AGREED THAT ASSESSMENTS OF EXISTING TECHNOLOGIES AND OPERATING PRACTICES SHOULD INCLUDE SPECIFIC RECOMMENDATIONS OF WHERE SPECIFIC RESEARCH AND DEVELOPMENT SHOULD BE CARRIED OUT IN ORDER TO IMPROVE FUTURE EFFICIENCIES WITHIN THE NEXT TEN YEARS. THERE WAS GENERAL SUPPORT AT THE MEETING FOR THE DEVELOPMENT OF MUTUALLY AGREED TEST PROCEDURES FOR PERFORMANCE SPECIFICATIONS OF INDUSTRIAL EQUIPMENT AND COMPONENTS AS A NECESSARY STEP, PRIOR TO THE UNDERTAKING OF DEMONSTRATIONS OF SPECIFIC TECHNOLOGIES.

10. SPECIFIC INDUSTRIES

A. CEMENT: IN INITIAL IMPLEMENTATION OF THIS  
PROJECT AREA, IT WAS AGREED THAT A SUBPROJECT GROUP WOULD  
BE INSTITUTED BY INTERESTED COUNTRIES IN MAY TO PARTICIPATE  
WITH THE UNITED STATES I  
UNCLASSIFIED POSS DUPE

PAGE 01 NATO 01848 03 OF 03 041453Z

51  
ACTION EUR-25

INFO OCT-01 EA-11 ISO-00 OIC-04 FEA-02 SAM-01 AEC-11 AID-20

SS-20 NSC-07 HEW-08 DOTE-00 INT-08 HUD-02 CEQ-02

EPA-04 EB-11 COME-00 IO-14 CIAE-00 PM-07 INR-10 L-03

NEA-10 NSAE-00 PA-04 RSC-01 PRS-01 SP-03 USIA-15

TRSE-00 SAJ-01 OMB-01 CIEP-02 CEA-02 STR-08 FPC-01

AGR-20 NSF-04 DRC-01 /245 W  
----- 083689

R 041245Z APR 74  
FM USMISSION NATO  
TO SECSTATE WASHDC 5011  
INFO ALL NATO CAPITALS 3852  
AMEMBASSY STOCKHOLM  
AMEMBASSY TOKYO  
USMISSION EC BRUSSELS  
USMISSION OECD PARIS

UNCLAS SECTION 3 OF 3 USNATO 1848

B. OTHER SPECIFIC INDUSTRIAL PROJECTS: THE  
DELEGATES EXPRESSED THE HOPE THAT DIFFERENT COUNTRIES  
WOULD VOLUNTEER TO ASSUME LEADERSHIP IN DEVELOPING OTHER  
SPECIFIC PROJECTS IN THIS RESPECT.

B. PROJECT AREA 2-UTILITY LOAD MANAGEMENT.

11. A NUMBER OF EXPERTS ATTENDING THE MEETING AGREED  
THAT CONSIDERABLE OPPORTUNITY FOR ENERGY CONSERVATION  
APPEARED TO EXIST IN THE AREA OF UTILITY LOAD MANAGEMENT,  
THROUGH THE APPLICATION OF TECHNIQUES SUCH AS USE OF OFF-  
PEAK ENERGY TO GENERATE HEAT FOR BUILDINGS OR ELECTRICAL  
FURNACES FOR INDUSTRY. THE PURPOSE OF THE SUBPROJECT  
WOULD BE TO ANALYSE AND DEVELOP METHODOLOGIES FOR LEVELING  
CONSUMER DEMAND FOR POWER OVER TIME SO AS TO MINIMIZE  
UNCLASSIFIED

PAGE 02 NATO 01848 03 OF 03 041453Z



DIFFERENCES IN GENERATING REQUIREMENTS BETWEEN PEAK AND OFF-PEAK USAGE. IN THIS RESPECT, IT WAS NOTED THAT ATTEN-

TION WOULD HAVE TO BE PAID TO ENERGY STORAGE AND ELECTRONIC CONTROL TECHNIQUES.

12. IN THIS PROJECT AREA IT WAS AGREED THAT A SUBPROJECT GROUP (WITH APPROPRIATELY BROAD REPRESENTATION) WOULD BE ESTABLISHED BY INTERESTED COUNTRIES TO PREPARE AND ANALYSIS OF UTILITY COMPANY LOAD LEVELING TECHNIQUES IN THE PARTICIPATING COUNTRIES. THIS GROUP WOULD ALSO CATALOGUE AND ANALYZE INCENTIVES THAT HAVE BEEN DEVELOPED TO PROMOTE SUCH LOAD LEVELING TECHNOLOGY AND PRACTICES.

C. PROJECT AREA 3-ENERGY CONSERVATION INCENTIVES AND BARRIERS AND METHODS FOR INSURING TECHNOLOGY TRANSFER.

13. IT WAS AGREED GENERALLY BY THE GROUP THAT THE DEVELOPMENT OF NEW ENERGY CONSERVATIVE TECHNOLOGY AND OPERATING PRACTICES WOULD HAVE LITTLE EFFECT UNLESS SUCH TECHNOLOGY AND OPERATING PRACTICES WERE MADE EASILY AVAILABLE AND IN FACT USED BY INDUSTRY. THE GROUP'S SESSION ON THIS QUESTION INDICATED THAT THERE WERE A NUMBER OF INSTITUTIONAL DIFFICULTIES (BOTH BETWEEN GOVERNMENT AND THE PRIVATE SECTOR AND BETWEEN RESEARCH LABORATORIES AND PROGRAM MANAGERS) IN INSURING TECHNOLOGY TRANSFER. WHILE INCREASED ENERGY PRICES AND THE QUESTION OF AVAILABILITY OF FUELS WERE AGREED TO BE THE PRINCIPAL MOTIVATION FOR THE INTRODUCTION OF NEW TECHNOLOGY AND OPERATING PRACTICES IN INDUSTRY, IT WAS NOTED THAT IN A NUMBER OF SPECIFIC AREAS IT MIGHT BE NECESSARY FOR GOVERNMENT TO ENCOURAGE THE USE OF SPECIFIC TECHNOLOGY AND PRACTICES TO CONSERVE ENERGY WHERE THE PRICE OF ENERGY DID NOT ADEQUATELY REFLECT ITS FUTURE AVAILABILITY. IT WAS NOTED THAT GOVERNMENT HAS A MOST VITAL ROLE IN PROVIDING FOR FUTURE INDUSTRY MANPOWER NEEDS, AS WELL AS PROVING INCENTIVES FOR FUTURE INDUSTRY DEVELOPMENT. MENTION WAS ALSO MADE OF THE FACT THAT ON OCCASION IT WAS DIFFICULT FOR INDUSTRY TO IDENTIFY PROPERLY THE AVAILABLE TECHNICAL DATA.

UNCLASSIFIED

PAGE 03 NATO 01848 03 OF 03 041453Z

14. IT WAS AGREED THAT FOLLOWING DEVELOPMENT OF SPECIFIC PROJECTS IN PROJECT AREA 1 AN INTERNATIONAL GOVERNMENT/INDUSTRY SUBPROJECT GROUP SHOULD BE ESTABLISHED TO DETERMINE, EXPLORE AND HIGHLIGHT THE ISSUES INVOLVED IN THIS CONNECTION, INCLUDING EXISTING PRACTICES UTILIZED BY GOVERNMENT AND INDUSTRY TO FACILITATE TECHNOLOGY TRANSFER, WITH SPECIFIC REFERENCE TO SUCH SPECIFIC PROJECTS.

D. GENERAL

15. IT WAS AGREED THAT ONCE THE OVERALL CONCEPT OF THE PILOT STUDY WAS AGREED TO BY CCMS, INDIVIDUAL, MORE SPECIALIZED MEETINGS WOULD BE ORGANIZED IN WHICH THE INTERESTED COUNTRIES WOULD DEFINE THE PRECISE MEANS AND OBJECTIVES OF THE PROJECTS, AS WELL AS THEIR TIME FRAMES AND DIVISION OF LABOUR. ANY OF THE PROJECTS MIGHT INVOLVE SEVERAL PHASES, WITH THE UNDERTAKING OF EACH SUCCEEDING PHASE BEING DEPENDENT ON THE RESULTS OF THE PREVIOUS STAGE.

16. IN THE DEVELOPMENT AND IMPLEMENTATION OF THE ABOVE PROPOSED WORK PROGRAM, COMPLEMENTARY ACTIVITIES OF OTHER BODIES, IN PARTICULAR THE WORK OF THE OECD, HAVE BEEN AND WILL CONTINUE, TO BE TAKEN FULLY INTO ACCOUNT SO AS TO ASSURE NO UNDESIRABLE DUPLICATION AND TO PROVIDE FOR A COORDINATED AND EFFECTIVE OVERALL APPROACH INTERNATIONALLY TO THE VARIOUS ASPECTS OF ENERGY CONSERVATION PROBLEMS. IN THE VIEW OF THE UNITED STATES, AS PROSPECTIVE PILOT COUNTRY, THE PROPOSED CCMS PROGRAM DOES NOT NOW, NOR WILL IT IN THE FUTURE, CONFLICT WITH ANY OTHER INTERNATIONAL ENERGY CONSERVATION ACTIVITY; ON THE CONTRARY IT WILL BE SUPPORTIVE OF SUCH ACTIVITIES. TO THAT END CLOSE RAPPORT BETWEEN THE PROPOSED CCMS PROGRAM AND THOSE OF OTHER ORGANIZATIONS IN THE ENERGY FIELD SHOULD BE FACILITATED BY EVERY APPROPRIATE MEANS INCLUDING ARRANGEMENTS FOR THEIR PARTICIPATION AS OBSERVERS IN ACTIVITIES OF THE PROPOSED CCMS PILOT STUDY.

17. IT WAS AGREED BY THE GROUP THAT WORK ON THE PROJECT AREAS SHOULD PROCEED AS RAPIDLY AS POSSIBLE AND LEAD TOWARDS PUBLISHED RECOMMENDATIONS WITH RESPECT TO ADDITIONAL PHASES OF COOPERATION AND/OR PREFERRED UNCLASSIFIED

PAGE 04 NATO 01848 03 OF 03 041453Z

TECHNOLOGY FOR ENERGY CONSERVATION IN INDUSTRY SO AS TO OPTIMIZE THE RESULTS THAT EACH NATION MIGHT EXPECT FROM ITS RESEARCH AND DEVELOPMENT RESOURCES. END TEXT.

ACTION: SUGGESTION DEPARTMENT REQUEST NATO CAPITALS TOKYO, STOCKHOLM, USEC AND USOECD DELIVER TEXT TO APPROPRIATE OFFICIALS DOMESTIC AND FOREIGN MINISTRIES, INCLUDING PERSONS WHO ATTENDED APRIL 1-2 MEETING, AS DONE WITH ROTTERDAM REPORT (REFTEL). SEPTTEL IN PREPARATION WITH NAMES OF MEETING ATTENDEES. RUMSFELD

UNCLASSIFIED

<< END OF DOCUMENT >>

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 11 JUN 1999  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** n/a  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 04 APR 1974  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1974ATO01848  
**Document Source:** ADS  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** n/a  
**Film Number:** n/a  
**From:** NATO  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1974/newtext/t19740482/abbryuef.tel  
**Line Count:** 534  
**Locator:** TEXT ON-LINE  
**Office:** n/a  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 10  
**Previous Channel Indicators:**  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** OECD PARIS 7866  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** golinofr  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 06 MAY 2002  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <06 MAY 2002 by bryansd0>; APPROVED <06 JUN 2002 by golinofr>  
**Review Markings:**

Declassified/Released  
US Department of State  
EO Systematic Review  
30 JUN 2005

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** CCMS: MEETING OF EXPERTS ON ENERGY CONSERVATION IN INDUSTRY, NATO HEADQUARTERS, APRIL 1-2, 1974  
**TAGS:** SENV, NATO  
**To:** STATE INFO ALL NATO CAPITALS  
STOCKHOLM  
TOKYO  
EC BRUSSELS  
OECD PARIS  
**Type:** TE  
**Markings:** Declassified/Released US Department of State EO Systematic Review 30 JUN 2005

